



Single Port gigabit PoE Injector BC101PG-30W series

❖ Overview

10/100/1000M PoE Injector WITH 1-PORT POE and 1 combo ports, IEEE 802.3af/at, PoE Power

Output:30Watts

PoE Budget: 30Watts

Power Pin Assignment: Data provided over pairs over 1/2 and 3/6 ,Power over spare pairs 1/2(+) and 3/6 (-) and 4/5(+) and 7/8 (-)

❖ Picture



❖ Features

- ❖ IEEE 802.3af/at power on up to POE ports
- ❖ Supply power to wireless access points and surveillance cameras over Cat-5 cabling
- ❖ 1x 10/100/1000 Mbps Port with AutoUplink
- ❖ Supports PoE power up to 30W for PoE port
- ❖ Supports PoE IEEE 802.3af/at compliant PDs
- ❖ Supports IEEE 802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- ❖ 4K entry MAC address table of the PoE Switch with auto-learning and auto-aging
- ❖ LED indicators for monitoring power, link, activity and speed



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❖ Flexible

Choose to plug in up to 1 Ethernet or Fast Ethernet devices and mix in up to 1 IEEE802.3af IP-based devices like wireless access points or IP-based network surveillance cameras. Place these IEEE802.3af-compliant devices where they belong – high up on walls and ceiling for maximum coverage – or anywhere else you need them. Power and data are carried over standard Cat 5 cabling.

❖ Plug and Play

The standards-based PoE Injector senses and adjusts for network speed and cabling type automatically, for easy integration into your existing 10/100/1000M Ethernet network. For PoE, the PoE Injector automatically detects IEEE802.3af-compliant devices, and supplies power as needed. Front panel LEDs keep you informed of switch and PoE status.

❖ Quiet and Compact

Engineered for compact convenience, it durable metal case that is easily positioned on your desktop or a wall, using the included mounting hardware. The fan-less design quietly integrates with your small office environment.



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❖ Specifications

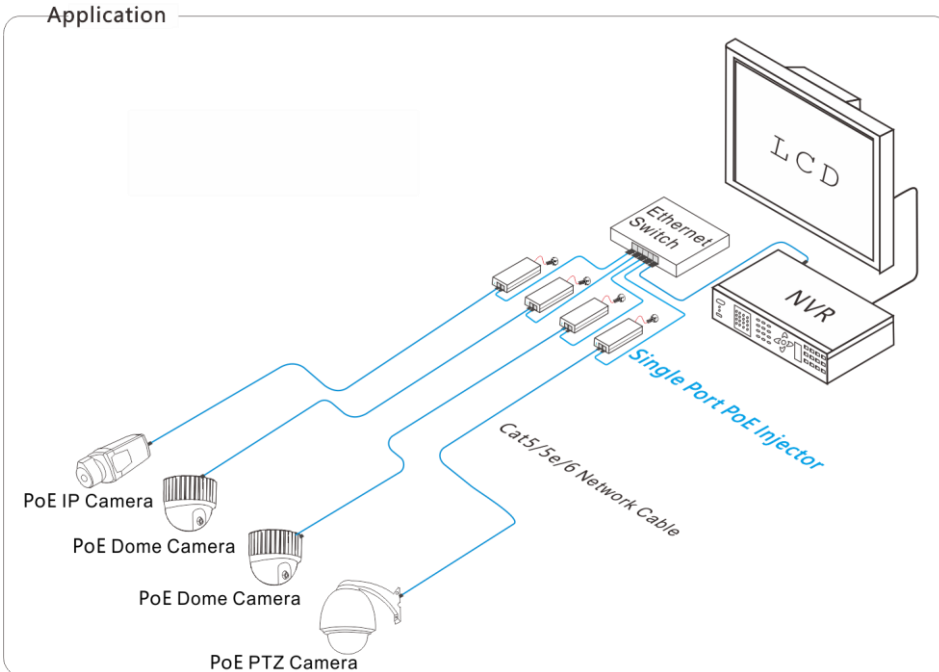
Product Name	PoE Injector
Model	BC101PG-30W
Connector Type	1x 10/100/1000M copper cable RJ45 ports(all ports support MDI/MDIX) + 1x 10/100/1000M Combo ports
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter)
Bandwidth	1 Gbps (non-blocking)
MTBF	190,000 hours
Forwarding Mode	Store-And-Forward
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI; IEEE 802.3af
LED Display	System: power supply; Every Port: connecting, PoE working status
Power Supply	Power input: AC90-240V 50/60Hz; (every country use a custom power plug)
PoE Ports	1 port support POE
PoE Port Power	30W for POE port
PoE Standard	IEEE 802.3af/at
PoE Feature	All ports support MDI/MDIX
Working Environment	Operating Temperature: 0 ° ~ 55 ° C; Storage Temperature: -20 ° ~ 75 ° C; Operating Humidity: 10% ~ 95%, non-condensing
Certification	CE Mark ,commercial; CE/LVD EN60950, RoHS
Radiation	CE mark, commercial; FCC Part 15 Class B; VCCI Class B; EN 55022 (CISPR 22), Class B
Transmission Distance	Cat.5 transmission distance: 100m
Warranty	1 year warranty



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❖ Application



❖ Order information

Model	Description
BC101PG-30W	Single port Gigabit PoE Injector Power: AC90V~AC240V, 50/60Hz; Power Rate: ≤30W; Standard: IEEE802.3af/at

BORN ELECTRONICS LIMITED

ADDRESS:

#94A
Goldsmith Avenue
London
United Kingdom
Phone: +4479 1989 8604
Email: info@bornelectronics.com

WARRANTY:

2 YEARS (EXPANDABLE UPTO 4 YEARS)

WEBSITE: <http://bornelectronics.com/>